

**VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION**

☐ Conceptual Proposal      ☐ Final Proposal

Date 12-07-10

Contract ID 101022-804

Job No. J8B0801C

County Polk Rt. 123, T

Original Bid Cost \$1,848,497.76

Contractor Pace Construction Company

By Travis Sanders

Designed By MoDOT

Phone (417) 256-6554

VECP# 11-02 (to be completed by C.O.)

VECP ☒ or PDVECP ☐

**1. Description of existing requirements and proposed change(s). Advantages/Disadvantages**

The top mat of deck re-steel is to be tied at each cross or lap. We propose to tie all intersections except where spacing is less than 12 inches in each direction, in which case alternate intersections shall be tied. This is a cost saving for MoDOT in the reduction of labor costs to perform the work.

**2. Estimate of reduction in construction costs.** Rte 123, \$2478.00 - Rte T, \$377.00

**3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**

This will speed up the construction of the bridges, which will reduce the time the traffic is impacted and the construction personnel that is required on the job.

**4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.**

01-31-11

(date)

**5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**

03-31-11

(date)

This should reduce the closure time of the road.

(effect)

**6. Dates of any previous or concurrent submission of the same proposal.**

N/A

(date and/or dates)

**Additional Comments:**

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

**Comments:** I have reviewed this VE Proposal and discussed it with Central Office. I recommend approval of this as a practical design VE.

Dennis Krenning  
Submitted By Resident Engineer

12/13/10  
Date

**Comments:** I concur with recommendations by Dennis Krenning.



Approval  
Recommended

Matthew C. Seiler

District Engineer

1/19/11

Date



Rejection  
Recommended

**Comments:**

NOT FEDERAL OVERSIGHT



Approval  
Recommended



Rejection  
Recommended

Federal Highway Administration  
Required for FHWA Full Oversight Projects

Date

**Comments:** APPROVED PER DISTRICT RECOMMENDATION AS PRACTICAL DESIGN V.E.



Approval

David D. Coates 1/28/11

State Construction and Materials Engineer

1/21/11

Date



Rejection

**Distribution:** Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator – MoDOT, P. O. Box 270, Jefferson City, MO 65102

Contract ID: 101022-804

Fed St/Pr Proj Nbr: FAS-S904(2)

Status: Active

Primary PCN: J8B0801C

District: 08

OrgCode: 8CB

**Funding**

☒ Federal

☐ State/Province

☐ Both

Progress Sched:

Variance Pct: .00

Desc: J8B0801C - ROUTES 123, T - POLK COUNTY

Time Charges: Completion Date

Bid Days: 179

Bid Amt: \$1,848,497.76

Contract Type: Construction Project Above \$500,000

☐ Fed Oversight

Work Type: BRIDGE CONSTRUCTION OR REHABILITATION

☐ Local Oversight

Proposal Fund Type:

Spec Yr: 1996

Unit System: English

Suppl Spec Bk Yr:

Alt ID:

0

0

# VALUE ENGINEERING CHECK SHEET

## TYPE OF WORK

(Check one that applies)

- X Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☐ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

\_\_\_\_Tie top deck steel at 50% of cross-lap in lieu of 100% as required by standard specification.

## SCANNING OF DOCUMENT

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

\_\_\_\_Scan entire document.

